Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013025.D
Acq On : 18 Nov 2017 06:18
Operator : SJ/JU
Sample : I6451-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2X3

Quant Time: Nov 20 04:55:45 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 03:21:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	169313	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	690462	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	409078	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	979728	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	1140962	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	1155546	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	20814	5.70	ng/uL	0.00
5) Phenol-d5	6.89	99	92781	6.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	241618	29.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	281454	24.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	185243	15.42	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	169873	34.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	182704	39.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	338175	28.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	8430	0.68	ng/ul	-0.01
43) Dimethylphthalate-d6	13.77	166	1139061	31.74	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	1348039	29.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	47463	8.72	ng/ul	0.01
57) Fluorene-d10	15.35	176	956682	31.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	167571	39.45	ng/ul	0.00
70) Anthracene-d10	17.20	188	1560948	31.12	ng/ul	0.00
76) Pyrene-d10	19.50	212	1801585	30.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.38	264	1885087	32.17	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	6022	1.500	ng/uL#	80
6) Phenol	6.91	94	18607	1.285	ng/ul#	78
8) Bis(2-Chloroethyl)ether	7.15	93	14888	1.366	ng/ul	99
28) Naphthalene	10.55	128	1426159	40.086	ng/ul	99
34) 2-Methylnaphthalene	12.16	142	160458	6.164	ng/ul	96
49) Acenaphthene	14.42	153	86958	3.072	ng/ul	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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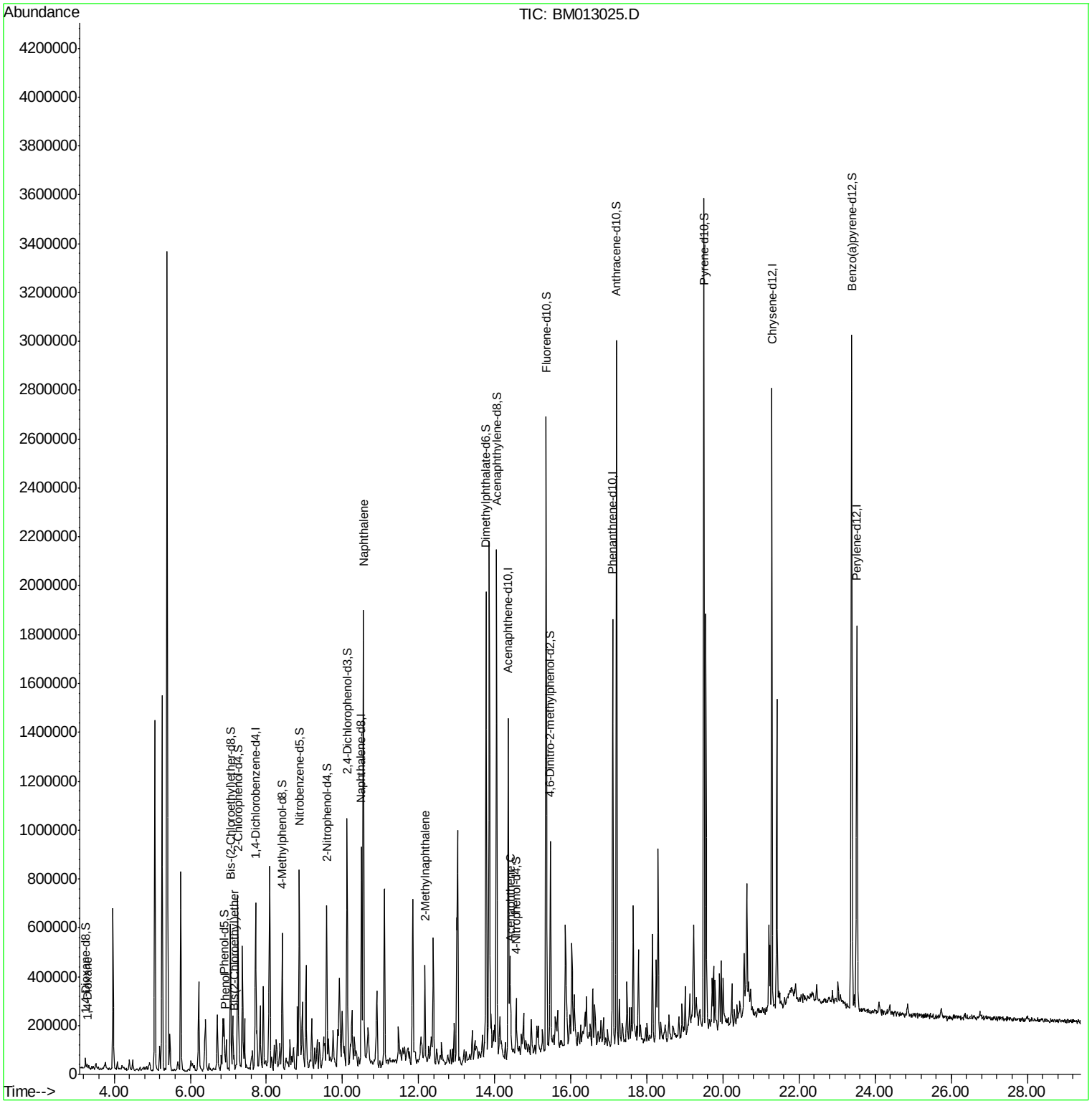
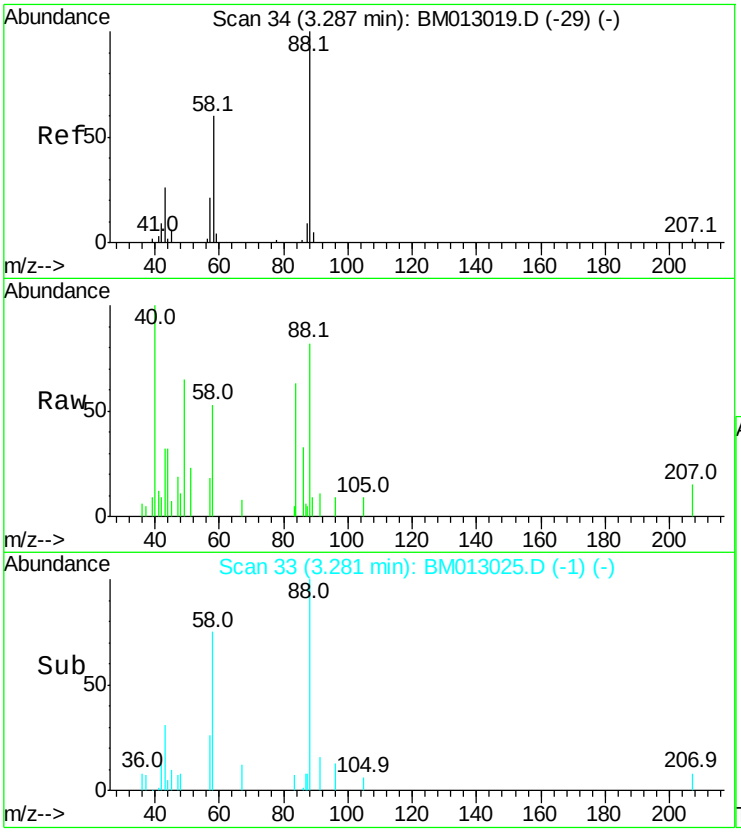


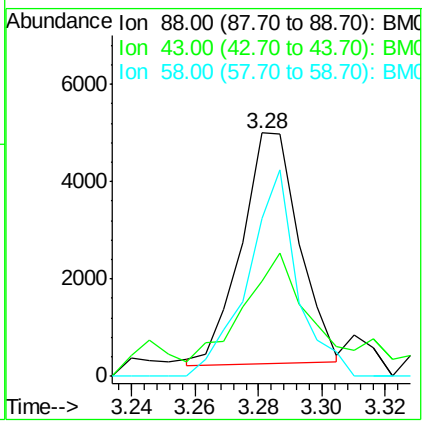


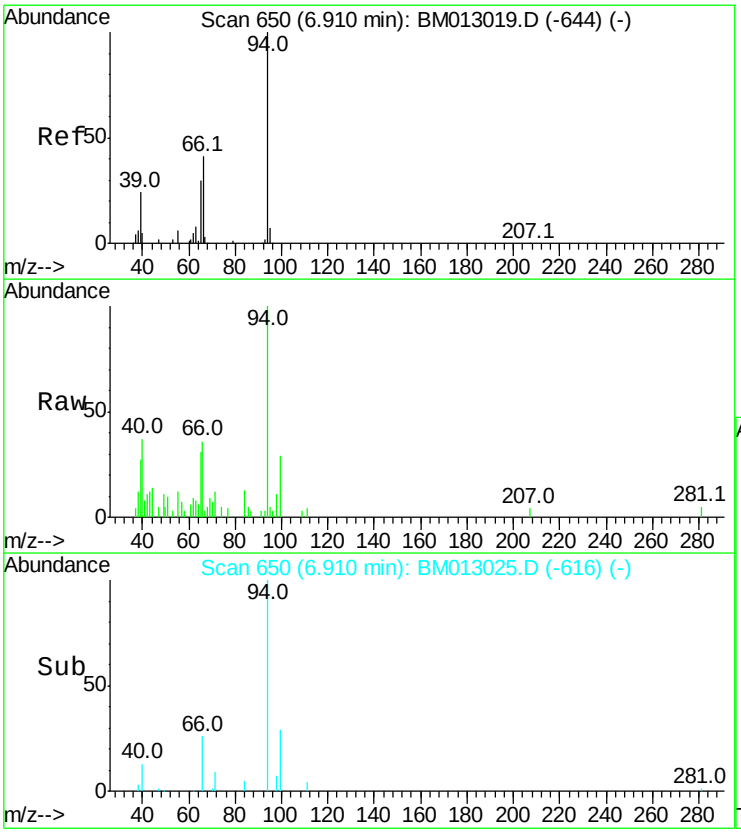
#2
1,4-Dioxane
Concen: 1.500 ng/uL
RT: 3.28 min Scan# 33
Delta R.T. -0.01 min
Lab File: BM013025.D
Acq: 18 Nov 2017 06:18

Instrument :
BNA_M
ClientSampleId :
BE2X3

Tgt Ion: 88 Resp: 6022

Ion	Ratio	Lower	Upper
88	100		
43	48.6	48.0	72.0
58	76.7	80.0	120.0#

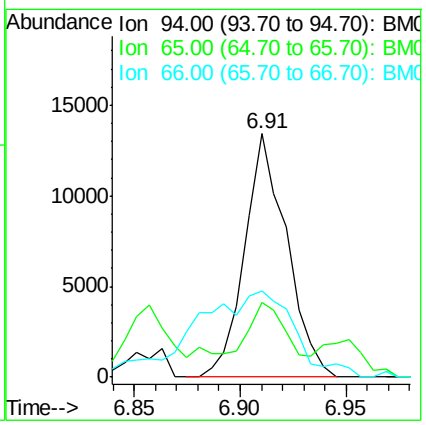


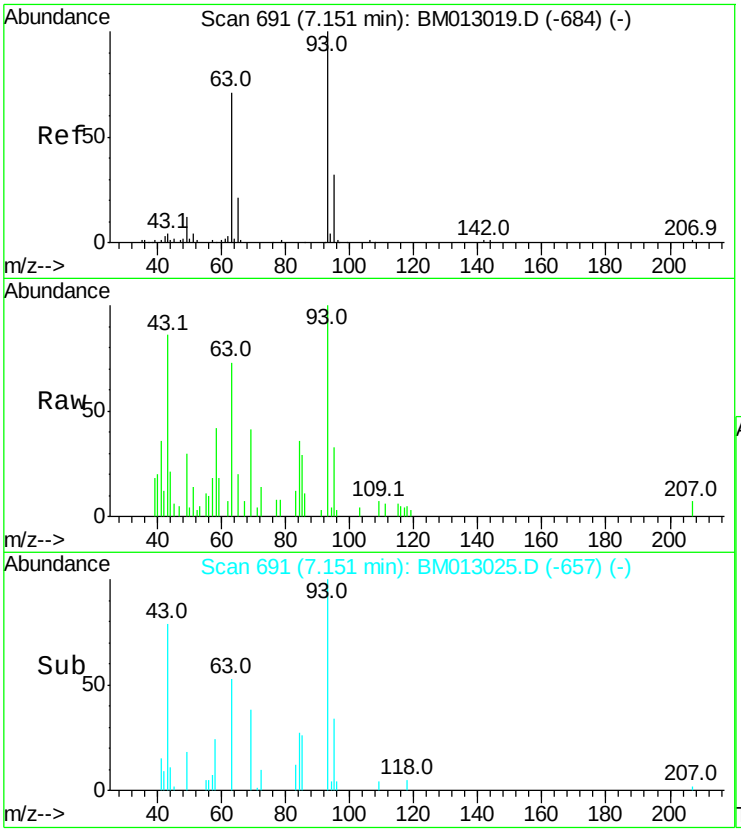


#6
Phenol
Concen: 1.285 ng/ul
RT: 6.91 min Scan# 650
Delta R.T. -0.00 min
Lab File: BM013025.D
Acq: 18 Nov 2017 06:18

Tgt Ion: 94 Resp: 18607

Ion	Ratio	Lower	Upper
94	100		
65	30.9	28.2	42.4
66	35.5	47.2	70.8#



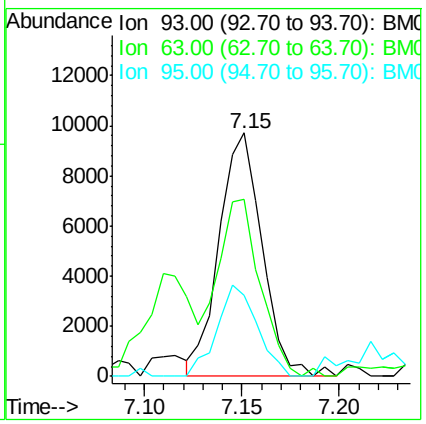


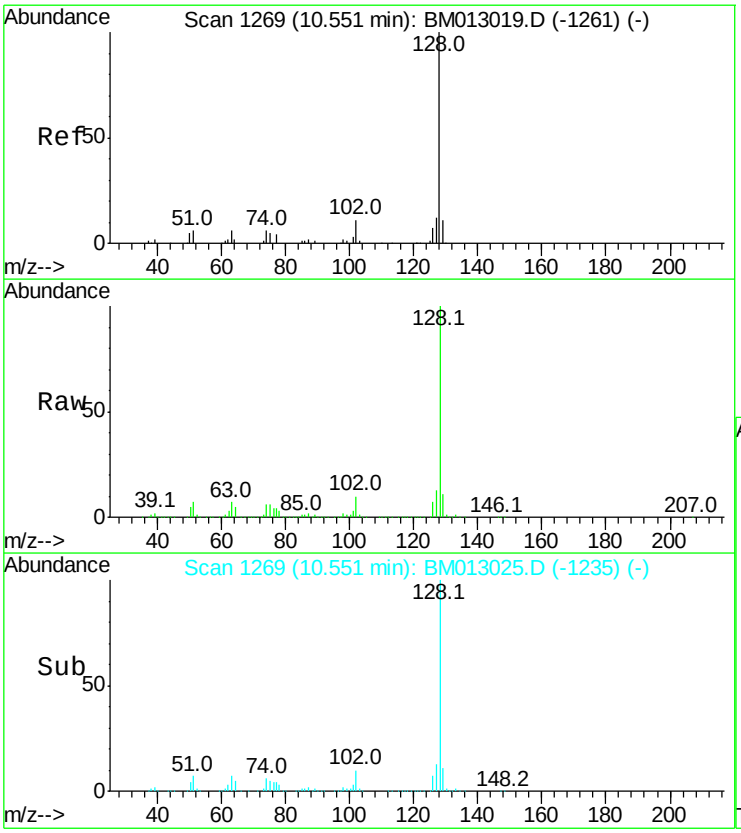
#8
Bis(2-Chloroethyl)ether
Concen: 1.366 ng/ul
RT: 7.15 min Scan# 691
Delta R.T. -0.00 min
Lab File: BM013025.D
Acq: 18 Nov 2017 06:18

Instrument :
BNA_M
ClientSampleId :
BE2X3

Tgt Ion: 93 Resp: 14888

Ion	Ratio	Lower	Upper
93	100		
63	72.5	57.3	85.9
95	33.1	26.6	39.8

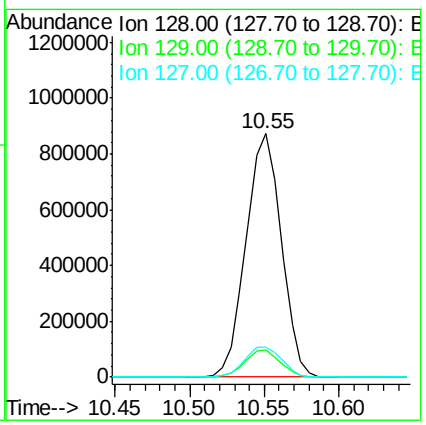


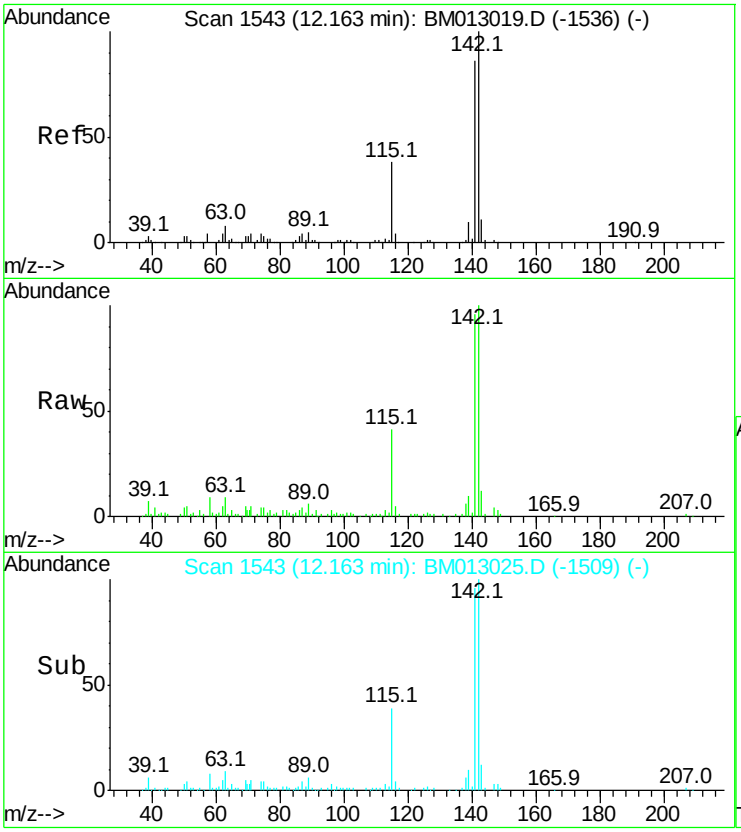


#28
Naphthalene
Concen: 40.086 ng/ul
RT: 10.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BM013025.D
Acq: 18 Nov 2017 06:18

Tgt Ion:128 Resp: 1426159

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.5	10.6	16.0



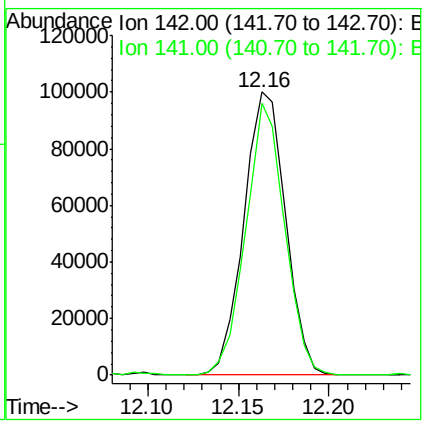


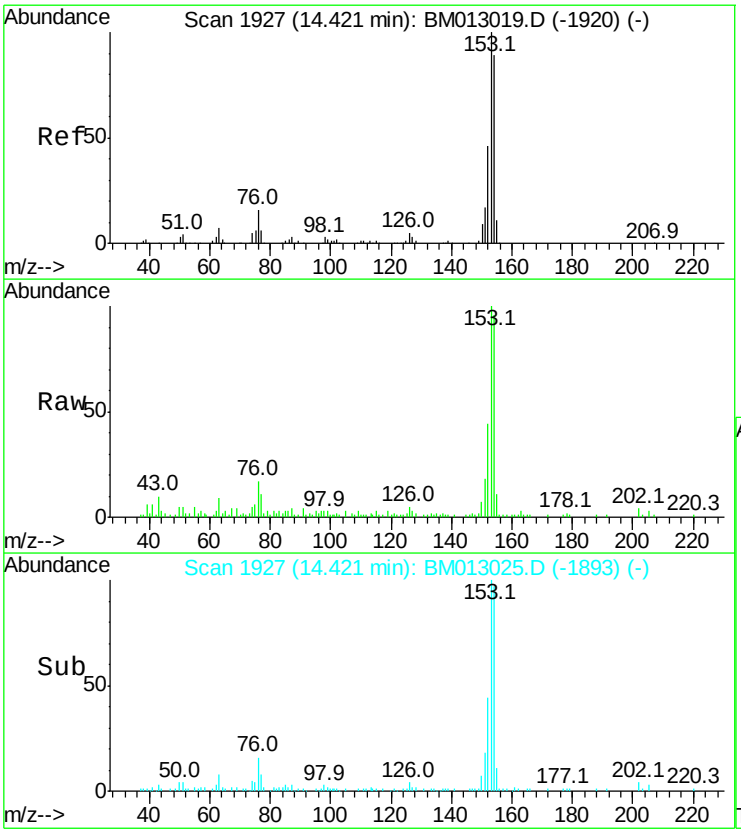
#34
2-Methylnaphthalene
Concen: 6.164 ng/ul
RT: 12.16 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BM013025.D
Acq: 18 Nov 2017 06:18

Instrument :
BNA_M
ClientSampleId :
BE2X3

Tgt Ion:142 Resp: 160458

Ion	Ratio	Lower	Upper
142	100		
141	96.0	74.1	111.1





#49
Acenaphthene
Concen: 3.072 ng/ul
RT: 14.42 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BM013025.D
Acq: 18 Nov 2017 06:18

Tgt Ion:153 Resp: 86958

Ion	Ratio	Lower	Upper
153	100		
152	44.1	37.6	56.4
154	96.2	70.4	105.6